WA Transportation Commission

Transportation Planning - Key to Public Acceptance

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Basics

Highways of Statewide Significance (HSS) are the backbone of our transportation system

WSDOT owns, designs, builds, operates & maintains our HSS

Highways are corridors, transit is a mode of travel – they are not in conflict.

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The Questions

- Why do Americans travel?
- How do Americans travel?
- How does density affect travel?
- How is transit performing?
- Will our regional plan reduce congestion?
- What's happening to air quality?
- Why is there a focus on the work trip?
- How important is working at home?

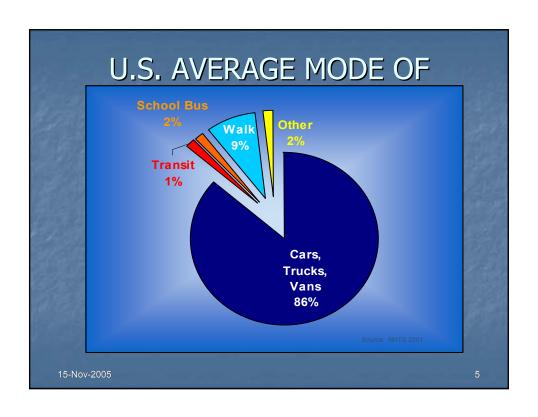
In other words, know your customer

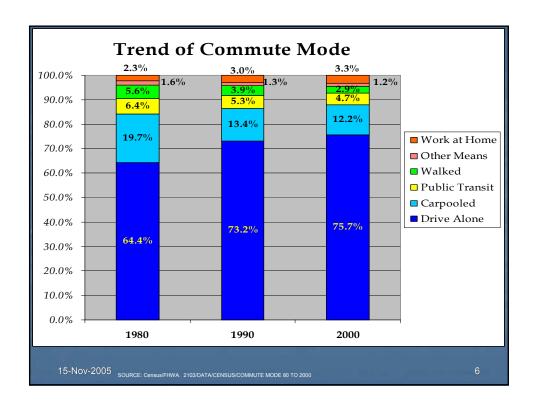
Data Sources

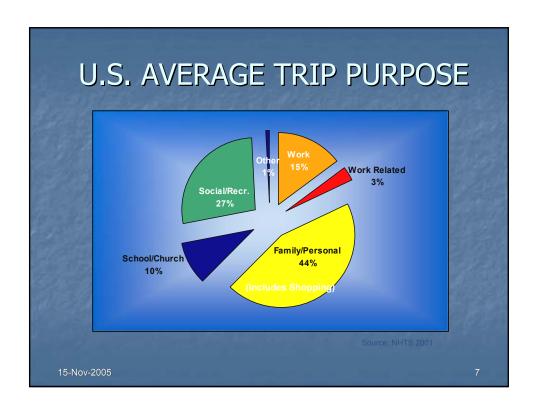
- USDOT, <u>National Household Travel Survey</u>, 2001
 (a 22,000 household sample)
- Census Bureau, 2000 Census
- FHWA, <u>Highway Statistics</u>
- PSRC, <u>Destination 2030</u> (adopted Metropolitan Transportation Plan), 2004 Review
- National Transit Database
- **EPA**

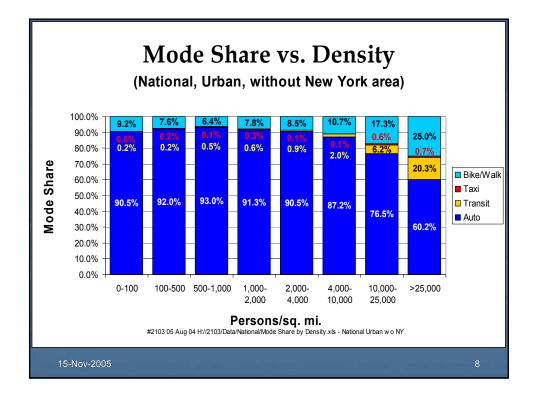
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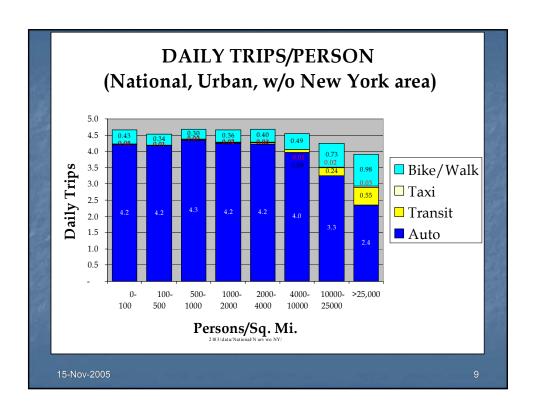
APTA (American Public Transit Association)

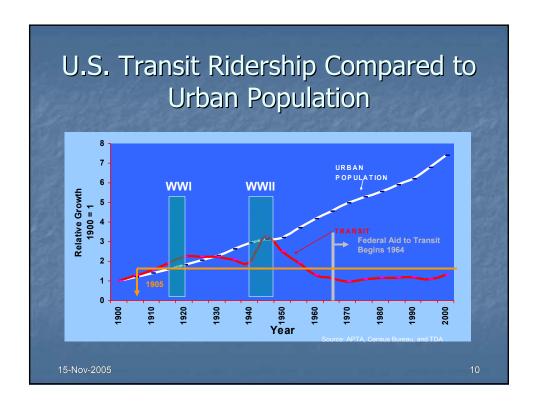


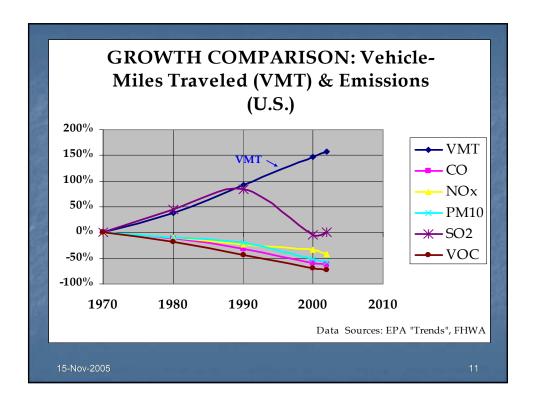


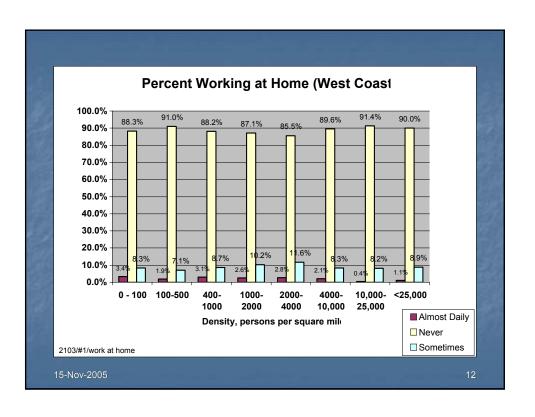


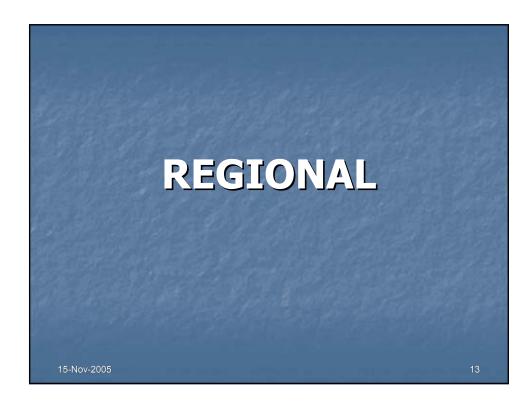


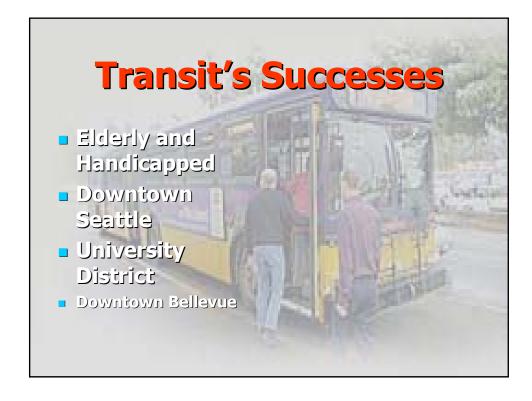


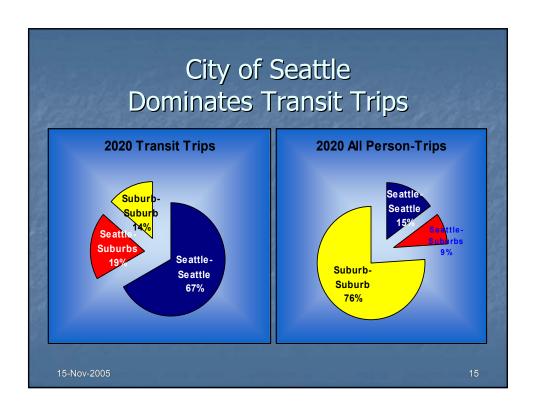




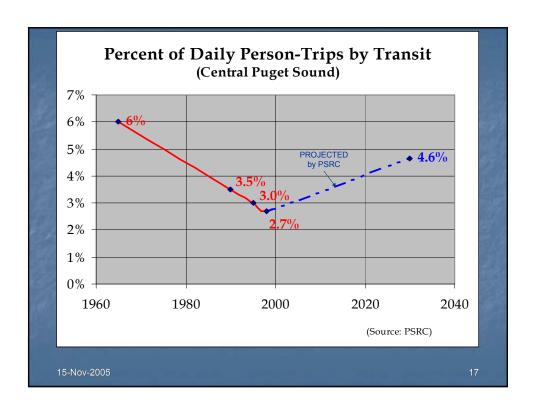


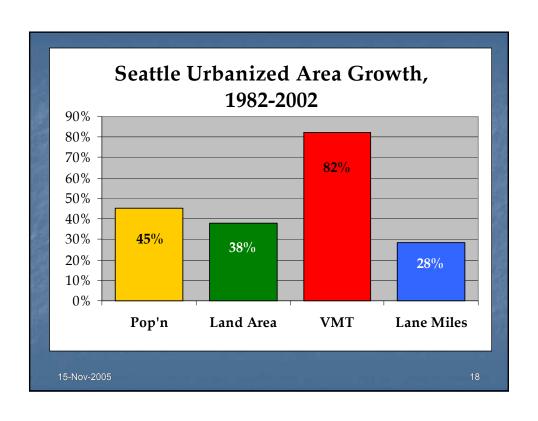


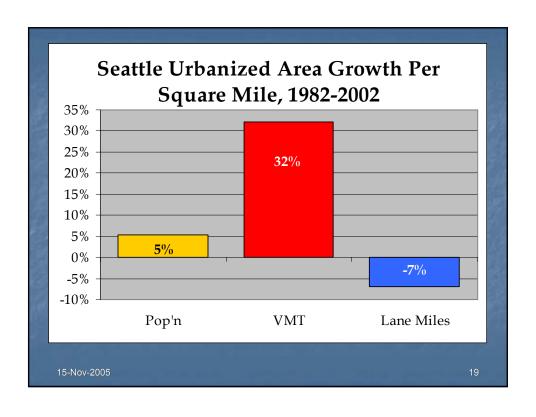


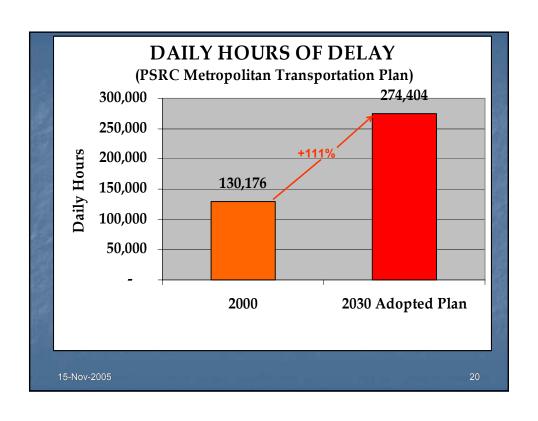


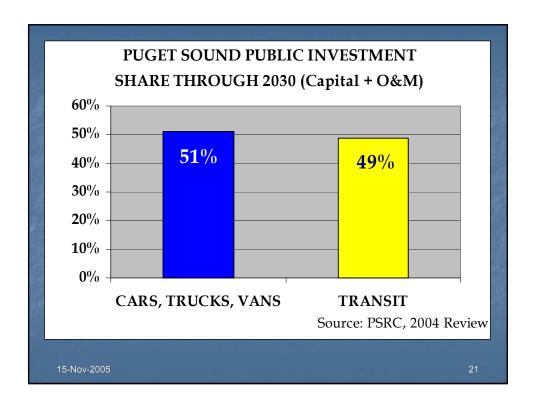


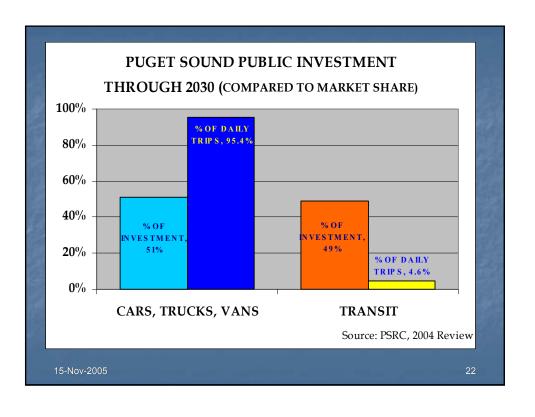


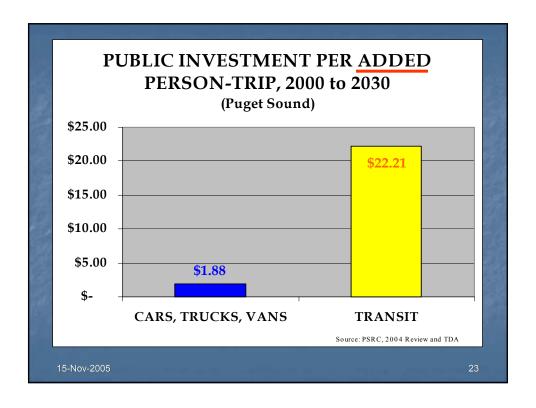


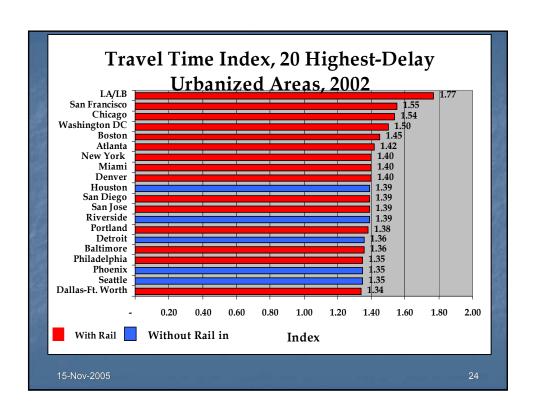


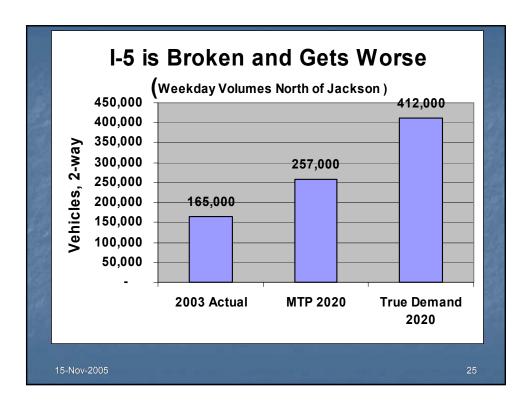












I-405 Corridor Program

THERE ARE TWO BASELINE CASES FOR COMPARISON:

020 True Demand: this shows where travelers would be if they were not constrained by the artificial limits of roadway capacity
020 No Action: this assumes only continuation of existing programs and completion of those already funded (VERICY!)

THE SEVEN THEMES:

Theme 1 - Transportation Demand Management (TDM): reduced transit fares, parking pricing, ridesharing agreements.

Fheme 2 – Transit/HOV: add 1 HOV lane in each direction on I-405, direct access ramps, arterial HOV lanes, increase transit service, moderate 1DM

Theme 3 - High Capacity Transit: grade separated HCT with feeder buses, arterial HOV/transit priority, moderate TDM

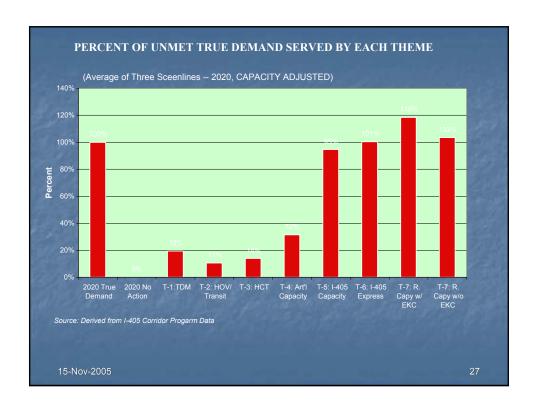
Theme 4 - Arterial Capacity: basic I-405 improvements, expand arterials (including East King County), moderate TDM

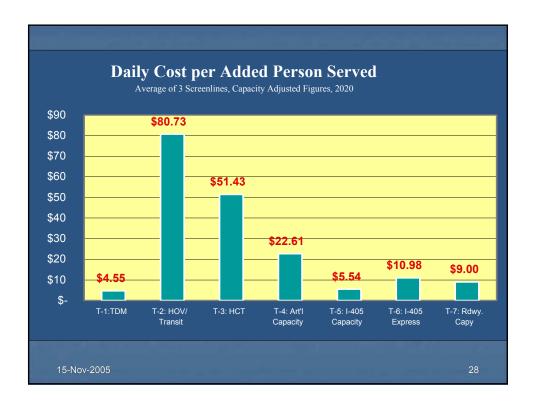
Theme 5 - General Purpose Capacity: add 2 general purpose lanes each direction on I-405, widen connecting arterials, other roadway morrovements, moderate TDM

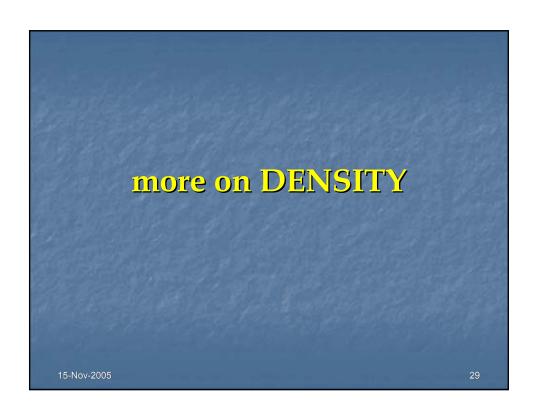
Theme 6 - Express Lanes: add 2 express lanes each direction, grade separated, widen SR 167 by 1 lane each direction, other road improvements, moderate TDM

Theme 7A - Roadway Capacity: add 2 general purpose lanes each direction on I-405, expand arterials (more than twice as much as in Theme 5), construct East King County Freeway, other roadway improvements, moderate TDM

Theme 7B - Roadway Capacity: same as Theme 7A, but omits East King County Freeway.



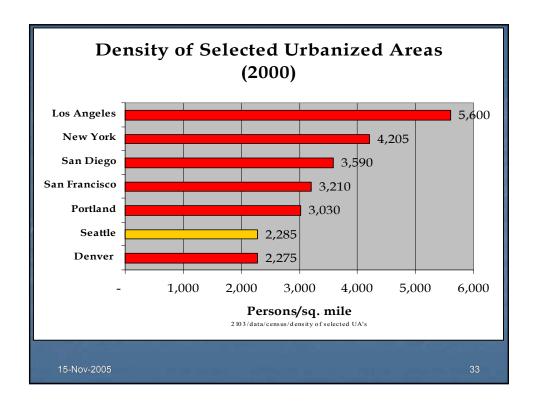


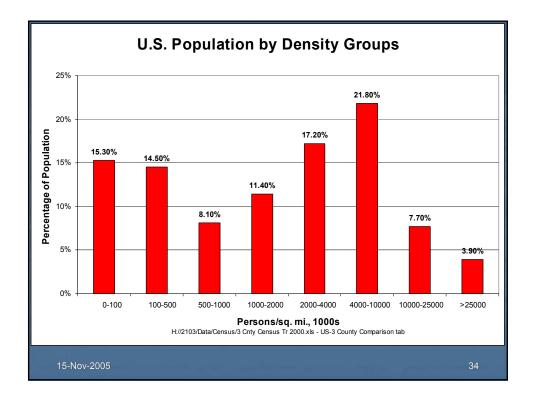


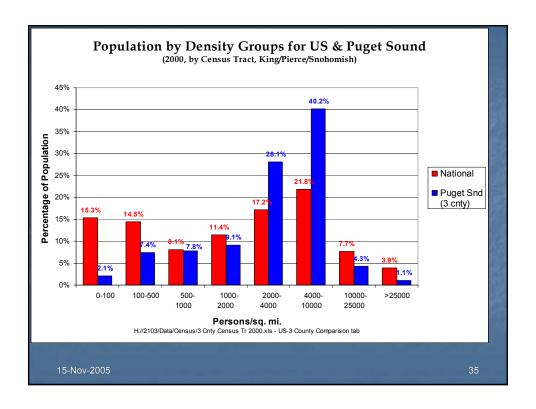


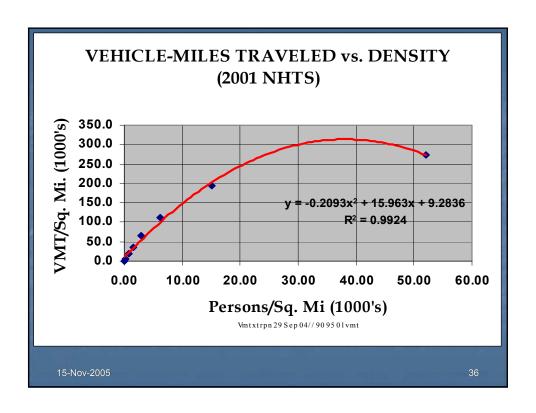


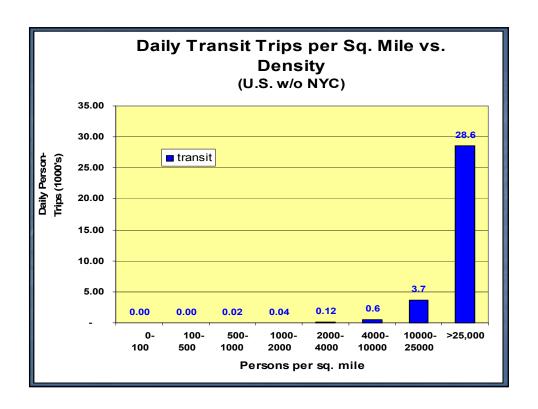


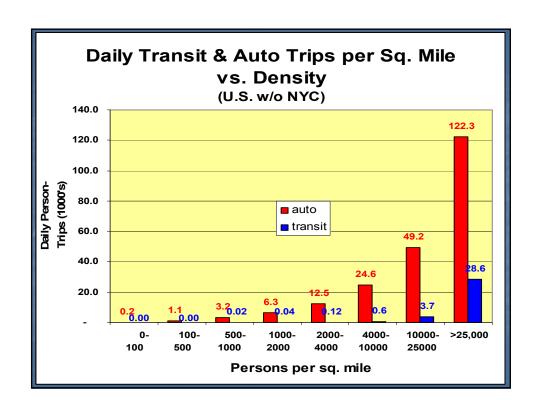


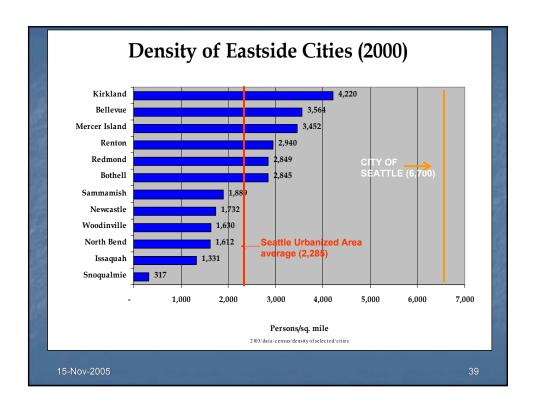


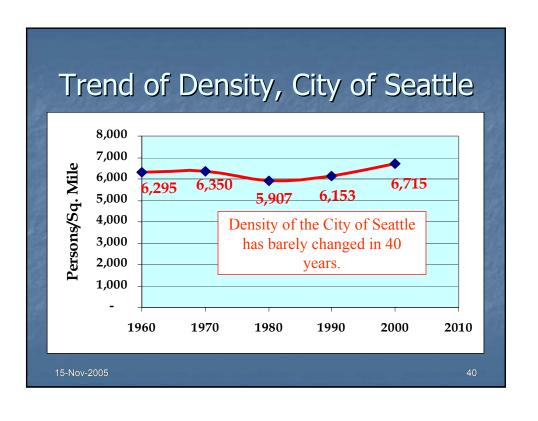


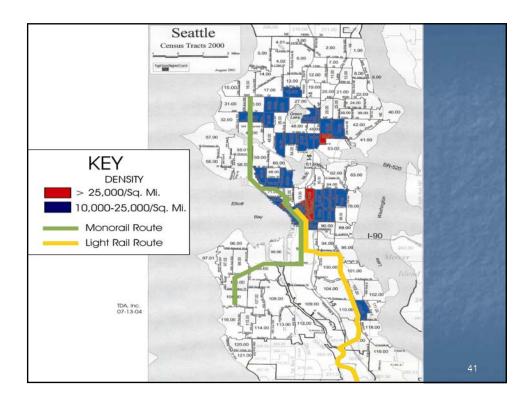












GET THE PICTURE?

- One success: highway air emissions
- Travel behavior is hard to change
- Highways largely ignored for 3 decades
- Transit's market-share in decline
- By Adopted Plan:
 - delay worsens
 - small mode shifts
 - cars, trucks and vans continue to dominate
- Work trip is small part of problem

Management Changes

- DOT reports to the Governor as of July 1
- Transportation Commission was redirected
- They have an opportunity for a new role in Statewide Transportation Planning.

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Importance of Planning

- Key to gaining public acceptance and support
 - (Better to have debate at planning rather than at implementation)
- Can explore all options relatively cheaply
- Based on technical analysis not public popularity
- Should shorten implementation phase

Key Elements of Planning

- Should start with a Directive top down with bottom up input.
- Defines common goals and objectives
- Should be a plan for success not a plan for failure

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Nickel Fund Successful Criteria

- Safety benefits, including high accident locations
 - (Narrow definition of Safety most all projects help)
- Measurable congestion relief benefits
- Freight benefits
- Direct economic development benefit
- Transit/pedestrian benefit
- Water/habitat fix
- Partner funding
- Special federal program funding
- Cost benefit

Challenges of Planning

- Different Roles & Missions
 - RTPO 14
 - MPO 11
 - <u>■ TMA 3</u>
- One RTPO has 85% of infrastructure needs
- State is the only agency that has the overall responsibility to make sure that our HSS are expanded adequately to support our quality of life and economic development.

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...the end